|                 | Index of Claims |          |              |  |           |              |            |           |                              |          |                 |         | Application No. |           |          |                  |           |          |            |          |          | Applicant(s) |          |              |                 |          |        |  |
|-----------------|-----------------|----------|--------------|--|-----------|--------------|------------|-----------|------------------------------|----------|-----------------|---------|-----------------|-----------|----------|------------------|-----------|----------|------------|----------|----------|--------------|----------|--------------|-----------------|----------|--------|--|
| index of Claims |                 |          |              |  |           |              |            |           |                              |          |                 | 11      | 10/711,390      |           |          |                  |           |          |            |          |          | CHEN ET AL.  |          |              |                 |          |        |  |
|                 |                 |          |              |  |           |              |            |           |                              |          |                 |         | xam             |           |          |                  |           |          |            |          | Art      |              |          |              | <del>-:</del> T |          |        |  |
|                 |                 |          |              |  |           |              |            |           |                              |          |                 |         |                 |           |          |                  |           |          |            |          |          |              |          |              |                 |          |        |  |
|                 |                 | 1 1861   | 11111        |  | 11 414 E1 |              | II O LIGHT | 8811 188  |                              |          |                 | Ţ       | u-Tı            | ιH        | 0        | <u> </u>         |           |          |            |          | 2818     |              |          |              |                 |          |        |  |
| (Through numera |                 |          |              |  |           |              |            |           |                              |          |                 |         | _               | _         | т-       | <del></del>      |           |          |            |          |          |              |          |              | _               |          |        |  |
|                 | √ Rejected —    |          |              |  |           |              |            |           | (Through numera<br>Cancelled |          |                 |         | i)              |           |          | Non-Elected      |           |          |            |          |          | Appeal       |          |              |                 |          |        |  |
|                 |                 |          |              |  |           | ļ            | Cancelled  |           |                              |          | 4               | N NON-E |                 |           |          |                  |           | A        |            |          |          |              | _        |              |                 |          |        |  |
|                 | = Allowed +     |          |              |  | 1         | Restricted   |            |           |                              |          | h               | L       | Interference    |           |          |                  | 0         | C        | bje        | cte      | d        | İ            |          |              |                 |          |        |  |
|                 |                 |          |              |  |           | J            | L          | <u> </u>  |                              |          |                 |         |                 | L         | <u>L</u> |                  |           |          |            | Ц        |          |              |          |              |                 |          |        |  |
|                 | Cl              | im       | Г            |  | Da        | te           |            |           | Cla                          | im       |                 | -       | Da              | te        |          |                  | ٦         | Cla      | alm        | Γ-       |          |              | )ate     | _            | _               |          | 1      |  |
|                 |                 | -        | ω,           | 0400   | Т         | П            |            | П         |                              | $\Box$   |                 | T       | П               | T         | Γ        | П                |           |          |            | П        | Т        | П            | Ī        |              | T               | П        | :<br>  |  |
|                 | Final           | Original | 11/30/05     | 州  |           |              |            | 1         | Final                        | Original | H               |         |                 |           |          | 11               |           | Final    | Original   |          |          |              |          | 1            |                 |          | I      |  |
|                 | L.              | δ        | =            | 88   |           |              |            | 11        | "                            | δ        |                 |         |                 |           |          | $  \  $          |           | ۱۴       | ō          |          |          | !            |          |              | 1               |          |        |  |
|                 |                 | 0        |              | <u> </u>   |           |              |            | 口         |                              | 51       |                 |         |                 | 土         | İ        |                  |           |          | 101        |          |          |              |          | 1            |                 |          |        |  |
|                 |                 | 2        |              | إإ   | $\bot$    | $\Box$       | $\perp$    | П         |                              | 52       | $\perp$         | Ţ       | П               | Ţ         | L        |                  |           |          | 102        | П        | $\bot$   |              | П        | $\downarrow$ | T               | П        |        |  |
|                 | ÷               | 3        |              | <u> </u>   | ╁         | ╂╌╂          | ╁          | H         | -                            | 53<br>54 | +               | ╁       | ╁┼              | +         | ╁        | $\vdash$         | $\dashv$  | $\vdash$ | 103<br>104 | ┞╾┤      | +        | Н            | Н        | +            | +               | Н        |        |  |
|                 | _               | 5        | H            | 計  | $\top$    | 11           | $\top$     | H         |                              | 55       | $\top$          | ╁       | H               | $\dagger$ | ┢        | Н                | 7         | Н        | 105        | ┞╌┤      | $\dashv$ | Н            | H        | $\dashv$     | +               | Н        | ı      |  |
|                 |                 | 6        | П            |  | $\perp$   |              | $\bot$     |           |                              | 56       | $\Box$          | L       | П               | I         | I        | П                | 7         |          | 106        | $\Box$   | $\Box$   |              | П        | $\Box$       | Ţ               |          | :      |  |
|                 | <u> </u>        | 8/       | Н            | 섥튀   | +         | ╁┼           | +          | Н         | -                            | 57<br>58 | -               | +-      | $\vdash$        | +         | ╀        | Н                | 4         | ┝        | 107<br>108 | $\vdash$ | +        | Н            | $\vdash$ | +            | +               | Н        | ı      |  |
|                 | ├               | 9/       | Н            | <del>//                                   </del> | +         | ++           | ╅          | H         | $\vdash$                     | 59       | $\vdash$        | ╈       |                 | ╁         | ╁╴       | H                | ┨         | Н        | 109        | H        | +        | Н            | H        | +            | +               | H        | ı      |  |
|                 |                 | ďΟ       |              | Ō  |           |              |            |           |                              | 60       |                 |         |                 |           | I        |                  |           |          | 110        |          |          | 口            |          |              |                 |          |        |  |
|                 | 8               | 11       | Н            | 47   | +         | ╂╼╂          |            | Н         |                              | 61<br>62 | Н-              | +       | - -             | ╁-        | ╄.       | Н                | 4         | $\vdash$ | 111<br>112 | -        | -        | Н            | $\vdash$ | 4            | +-              | $\vdash$ | i<br>• |  |
|                 | ├ <del>`</del>  | 12<br>13 | _            | <del>311</del>                                   | +         | ╅            | ╌┼╴        | Н         | -                            | 63       | +               | ╁       | ┝┼              | ╁         | ╁        | Н                | $\dashv$  | $\vdash$ | 113        | $\vdash$ | ╅        | ╁┤           | H        | +            | +               | Н        |        |  |
|                 |                 | 14       | Ш            | 7  | 土         |              |            |           |                              | 64       |                 |         |                 | I         |          |                  |           |          | 114        | 口        | 工        |              |          | $\perp$      |                 |          |        |  |
| _               | 12              |          | Н            | N  | +         | ╀            | 4          | $\sqcup$  |                              | 65       | $\vdash$        | ╀       | - -             | +         | ╀        | $\vdash$         | 4         | $\vdash$ | 115<br>116 | Н        | +        | ╀            | $\vdash$ | 4            |                 | Н        | [      |  |
|                 | $\vdash$        | 9        | ╫            | -1-1   | +         | +            | +          | Н         | $\vdash$                     | 66<br>67 | H               | +       | Н               | ╁         | ╁        | ╁┼               | $\dashv$  |          | 117        | $\vdash$ | +        | $\vdash$     | ┞╌┼      | $\dashv$     | +               | Н        |        |  |
|                 |                 | 18       |              |  | 土         |              |            |           |                              | 68       |                 |         |                 |           |          | П                | コ         |          | 118        |          |          |              |          |              |                 |          |        |  |
|                 |                 | 19<br>20 | $\downarrow$ |  | _         | $\mathbf{H}$ | -          | Н         | _                            | 69<br>70 |                 | +       | ├-              | +         | ╁-       | ┦                | 4         |          | 119<br>120 | Н        | +        | $\vdash$     | ⊢        | +            | +               | Н        |        |  |
|                 |                 | 21       | 7            | +  | +-        | ╁┼           | ╫          | Н         | -                            | 71       | +               | +       | H               | ╁         | ╁╌       | ╁┼               | ┨         |          | 121        | Н        | +        | ╁┤           | ╁┼       | $\dashv$     | +               | Н        |        |  |
|                 |                 | 22       |              |  |           |              | 工          |           |                              | 72       |                 |         |                 |           | I        |                  |           |          | 122        |          |          |              |          | 耳            | I               |          |        |  |
|                 |                 | 23<br>24 |              |  | _ _       | $\vdash$     | 1          | Н         |                              | 73<br>74 | -               | +       | Н               | ╀         | ╀-       | ╀╌┼              | 4         |          | 123<br>124 | Ы        |          | ₽            | ┝╾┼      | -            | - -             | Н        |        |  |
|                 | _               | 25       | Н            |  | +-        | ╁┼           | ╁          | Н         | $\vdash$                     | 75       | +               | ╁       | ╂╌╂╌            | ╁         | ╁        | H                | ┥         |          | 125        | Н        | +        | Н            | ┝┼       | ╅            | +               | Н        |        |  |
| •               |                 | 26       |              |  |           |              |            |           |                              | 76       |                 |         |                 | 土         | 仜        | $\Box$           | J         |          | 126        |          |          |              |          |              |                 |          |        |  |
|                 |                 | 27       | Н            | -  | 4         | ₩            | 4          | $\vdash$  | -                            | 77<br>78 | 4               | 4-      | - -             | +         | ╀        | ╁┼               | 4         | <u> </u> | 127<br>128 | Н        | +        | Н            | ⊢        | 4            | - -             | Н        |        |  |
|                 | _               | 28<br>29 | Н            | -1-1   | +         | ++           | ┪          | H         | -                            | 79       | ╁               | +-      | ╁┼              | +         | ╁        | H                | $\dashv$  | -        | 129        | Н        | +        | $\vdash$     | ┢        | +            | ╁               | ╁╌       | [      |  |
|                 |                 | 30       |              |  |           |              |            |           |                              | 80       |                 |         |                 |           | 工        |                  |           |          | 130        |          |          |              | $\Box$   | 丁            |                 | Ц        |        |  |
|                 |                 | 31<br>32 | L            | +  | - -       | $\dashv$     | _          | Н         |                              | 81<br>82 |                 | +-      | Н-              | 4-        | ╀        | ╂╼╂              | 4         |          | 131<br>132 | Н        |          | ₩            | Н        | +            | +               | L        |        |  |
|                 |                 | 33       | Н            |  | ╬         | ╁┼           | ╁          | H         | $\vdash$                     | 83       | +               | ╁╴      | ╫               | ╁         | ╁        | ╂╌┼              | $\dashv$  | <u> </u> | 133        | Н        | +        | ╁┤           | ┢        | $\dashv$     | ╁               | Н        |        |  |
|                 |                 | 34       |              |  |           |              |            |           |                              | 84       |                 | 工       |                 | 土         | L        | П                | _         |          | 134        |          |          |              |          | ゴ            |                 |          |        |  |
|                 | _               | 35       | П            |  | 4         | $\sqcup$     | $\perp$    | $\square$ | _                            | 85       | 1               | 4       | Н               | 1         | -        | $\vdash \vdash$  | ┨.        | <u> </u> | 135        | Н        |          | $\vdash$     | $\vdash$ | -            | -               | Н        |        |  |
|                 |                 | 36<br>37 | Н            |  | ╌         | ╁┼           | +          | Н         | $\vdash$                     | 86<br>87 | ╫               | ┿       | ╫               | ╁         | ╁        | ╂╼╂              | ┥         | $\vdash$ | 136<br>137 | $\vdash$ | +        | ╁┈           | H        | +            | ┿               | Н        |        |  |
|                 |                 | 38       |              |  |           |              |            | Ħ.        |                              | 88       |                 | 1       |                 | T         | L        |                  | _         |          | 138        |          | 士        |              |          | 士            | 士               |          |        |  |
|                 |                 | 39       | П            | $\dashv \dashv$                                  |           | П            | 4          | $\Box$    |                              | 89       | $\Box$          | $\bot$  |                 | Ţ         | L        | П                | 7         |          | 139        |          |          |              | П        | $\dashv$     | Ţ               | П        |        |  |
|                 | $\vdash$        | 40       | $\vdash$     | ╼┼╼┼   | - -       | ++           | +          | Н         | -                            | 90<br>91 | - -             | +       | ┼               | ╁         | +        | ₩                | $\dashv$  |          | 140<br>141 | Н        | +        | $\vdash$     | ╟┤       | +            | +               | Н        |        |  |
|                 |                 | 42       |              |  | 士         |              | 土          | Ħ         |                              | 92       | 廿               | 土       | 口               | 1         | İ        | 口                | $\exists$ |          | 142        |          | 士        | Ħ            | Ц        | 寸            |                 |          |        |  |
|                 |                 | 43       | П            | $\Box$   |           | $\prod$      | T          | $\Box$    |                              | 93       | T               | F       | II              | F         | F        | П                | 7         |          | 143        | Ц        | T        | $\Box$       | П        | $\dashv$     | $\bot$          | П        |        |  |
|                 | <del> </del>    | 44       | Н            |  | +         | ┼╌┼          | +          | H         | <u> </u>                     | 94<br>95 | ├┼              | +       | ┼┼              | +         | ╁        | ╂╾╂              | $\dashv$  |          | 144<br>145 | $\vdash$ | +        | ╁┤           | H        | $\dashv$     | +               | $\vdash$ |        |  |
|                 |                 | 46       |              |  | 上         |              | 上          | 口         |                              | 96       |                 | 士       |                 | 1         | İ        | 口                | J         |          | 146        | ╚        | 士        | T            | Ħ        | 士            | 士               |          |        |  |
|                 | <u> </u>        | 47       |              | $\Box$   | $\perp$   | $\prod$      |            | $\Box$    |                              | 97       | $oxed{\bot}$    | $\bot$  | П               | Ţ         | 1        | П                | 7         |          | 147        | П        | $\bot$   | $\Box$       | Ц        | 4            | T               | $\Box$   |        |  |
|                 | <del> </del>    | 48<br>49 | Н            |  | +         | ++           | +          | H         | $\vdash$                     | 98<br>99 | $\vdash \vdash$ | +       | ╁               | +         | +        | ╁┤               | $\dashv$  |          | 148<br>149 | Н        | +        | +            | Н        | +            | +               | $\vdash$ |        |  |
|                 |                 | 50       |              |  | 工         |              | 工          |           |                              | 100      | I               | T       | 口               | $\top$    | 1        | $\Box^{\dagger}$ | 7         |          | 150        |          |          | $\top$       |          | 寸            | 1               |          |        |  |